

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 02/06872

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04J11/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No.           |
|------------|---|---------------------------------|
| X          | EP 1 139 596 A (MITSUBISHI ELECTRIC TELECOM EU) 4 October 2001 (2001-10-04) paragraphs '0013!-'0029!', '0092!-'0120!; figures 2,5 | 1-20                            |
| X          | WO 01 50659 A (PICCINONNO FULVIO ; TELIT MOBILE TERMINALS S P A (IT)) 12 July 2001 (2001-07-12) page 1, line 18 -page 2, line 4   | 1,2,5, 7-13, 16-20 3,4,6, 14,15 |
| A          | page 2, line 12 -page 5, line 28; claims 6-9; figures 2,3 abstract  |                                 |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

19 May 2003

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26/05/2003

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| C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT |   |                       |
|--|---|-----------------------|
| Category *   | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
| A  | <p>DINAN E H ET AL: "SPREADING CODES FOR DIRECT SEQUENCE CDMA AND WIDEBAND CDMA CELLULAR NETWORKS"<br/>IEEE COMMUNICATIONS MAGAZINE, IEEE SERVICE CENTER, PISCATAWAY, N.J, US,<br/>vol. 36, no. 9,<br/>1 September 1998 (1998-09-01), pages<br/>48-54, XP000784826<br/>ISSN: 0163-6804<br/>page 51, right-hand column, line 40 -page<br/>53, left-hand column, line 45; figures 7,8<br/>-----</p> | 1-20                  |

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| Patent document<br>cited in search report |   | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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| EP 1139596                                | A | 04-10-2001          | FR 2807243 A1              | 05-10-2001          |
|   |   |                     | CN 1321017 A               | 07-11-2001          |
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| WO 0150659                                | A | 12-07-2001          | IT MI992747 A1             | 02-07-2001          |
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